	Application No.	Applicant(s)
Notice of Allowability	09/742,723	SUSKA, MARK
	Examiner	Art Unit
	Nelson D. Hernandez	2612
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in the or other appropriate communic IGHTS. This application is sub-	nis application. If not included cation will be mailed in due course. THIS
1. This communication is responsive to <u>May 26, 2005</u> .		•
2. The allowed claim(s) is/are 1-14 and 16-22.		
3. \boxtimes The drawings filed on <u>21 December 2001</u> are accepted by	the Examiner.	
 4. ☐ Acknowledgment is made of a claim for foreign priority una) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents 	e been received. e been received in Application N	No
International Bureau (PCT Rule 17.2(a)). * Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to file a life.	reply complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give	itted. Note the attached EXAMI	INER'S AMENDMENT or NOTICE OF eclaration is deficient.
 CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftspers hereto or 2) to Paper No./Mail Date including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1, each sheet. Replacement sheet(s) should be labeled as such in the state of the paper of the paper	son's Patent Drawing Review (. s Amendment / Comment or in .84(c)) should be written on the c	the Office action of
 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT I 	sit of BIOLOGICAL MATER	IAL must be submitted. Note the
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Sum Paper No./Ma 8), 7. ☐ Examiner's Am	nil Date

DETAILED ACTION

Response to Amendment

Examiner acknowledges the amendments made on the claims received on May
 26, 2005. Claim 16 has been amended and claims 15 and 23-30 have been cancelled.

Allowable Subject Matter

- 2. Claim 1 is generic and allowable. Accordingly, the restriction requirement as to the encompassed species is hereby withdrawn and claims 6-14, directed to the species of Fig. 2 and claims 18-22, directed to the species of Figs. 6 and 7 are no longer withdrawn from consideration since all of the claims to this species depend from or otherwise include each of the limitations of an allowed generic claim.
- 1. Claims 1-14 and 16-22 are allowed.
- 2. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claims 1 and 16, the primary reason for indication of allowable subject matter is because the prior art or a combination of prior art fails to teach or reasonably suggest a memory for storing imaging array data and clocking signals at a rate determined by the clocking signals.

Lee, US Patent 6,721,008 B2 discloses an integrated semiconductor imaging circuit (Fig. 3) (Fig. 3) for use with an electronic processing system comprising: an imaging array sensor (Fig. 3: 12) having an array of sensing pixels and an array address generator (Fig. 3: 16) integrated on a die (Fig. 3: 10); a circuit for controlling the transfer of the data from the memory at a rate determined by the processor system, and an interface (Fig. 3: 89) integrated on the die for receiving data from the imaging array sensor as determined by the imaging array sensor and adapted to transfer the data to

Art Unit: 2612

the electronic processing system (Fig. 3: 80) as determined by the electronic processing system (Col. 4, line 66 – col. 5, line 57). The interface transferring the data to the electronic processing system in inherently taught by Lee since the processing system (Fig. 3: 80) works at a predetermined rate.

Li, US Patent 6,833,862 B1 teaches an imaging circuit (Fig. 2) comprising a sensor array (Fig. 2: 12), a bus interface (Fig. 2: 54) with a data bus (Fig. 2: 20) for transmitting data to a processing system (Fig. 2: 18) (Col. 2, lines 32-64; col. 3, lines 13-21).

However, the teaching of Lee and Li either alone or in combination fails to teach or reasonably suggest a memory for storing imaging array data and clocking signals at a rate determined by the clocking signals.

Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nelson D. Hernandez whose telephone number is (571) 272-7311. The examiner can normally be reached on 8:00 A.M. to 5:30 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on (571) 272-7382. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 09/742,723

Art Unit: 2612

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nelson D. Hernandez Examiner Art Unit 2612

NDHH July 8, 2005

